

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 09/647,457 E  
Source: JFW16  
Date Processed by STIC: 06/30/2005

***ENTERED***



IFW16

## **RAW SEQUENCE LISTING**

DATE: 06/30/2005

PATENT APPLICATION: US/09/647,457E

TIME: 09:01:26

Input Set : A:\09-647457 seq 6-24-05.ST25.txt

Output Set: N:\CRF4\06302005\I647457E.raw

3 <110> APPLICANT: Yeda Research and Development Company Ltd.  
5 <120> TITLE OF INVENTION: ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW  
PEPTIDE  
7 <130> FILE REFERENCE: 24390 (1276302)  
9 <140> CURRENT APPLICATION NUMBER: 09/647,457E  
**C--> 10 <141> CURRENT FILING DATE: 2000-11-29**  
12 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00190  
13 <151> PRIOR FILING DATE: 1999-09-29  
15 <150> PRIOR APPLICATION NUMBER: 123925  
16 <151> PRIOR FILING DATE: 1998-04-02  
18 <160> NUMBER OF SEQ ID NOS: 15  
20 <170> SOFTWARE: PatentIn version 3.2  
22 <210> SEQ ID NO: 1  
23 <211> LENGTH: 17  
24 <212> TYPE: PRT  
25 <213> ORGANISM: Unknown  
27 <220> FEATURE:  
28 <223> OTHER INFORMATION: being the immunologically active epitope  
31 <220> FEATURE:  
32 <221> NAME/KEY: MISC\_FEATURE  
33 <222> LOCATION: (1)..(16)  
34 <223> OTHER INFORMATION: Xaa(8) is C, G, or P; Xaa(17) is R or absent; provided that  
35 when Xaa(8) is C, then Xaa(17) is absent, and when Xaa(8) is  
36 either G or P, then Xaa(17) is R.  
38 <400> SEQUENCE: 1  
**W--> 40 Leu Val Val Gly Leu Cys Thr Xaa Gln Ile Lys Thr Gly Pro Ala Cys**  
41 1 5 10 15  
44 Xaa  
47 <210> SEQ ID NO: 2  
48 <211> LENGTH: 28  
49 <212> TYPE: PRT  
50 <213> ORGANISM: Unknown  
52 <220> FEATURE:  
53 <223> OTHER INFORMATION: being the immunologically active epitope  
55 <400> SEQUENCE: 2  
57 Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
58 1 5 10 15  
61 Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
62 20 25  
65 <210> SEQ ID NO: 3  
66 <211> LENGTH: 16  
67 <212> TYPE: PRT  
68 <213> ORGANISM: Unknown  
70 <220> FEATURE:

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71 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated  
72 levels in body fluids of schizophrenic patients.  
74 <400> SEQUENCE: 3  
76 Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys  
77 1 5 10 15  
80 <210> SEQ ID NO: 4  
81 <211> LENGTH: 20  
82 <212> TYPE: PRT  
83 <213> ORGANISM: Unknown  
85 <220> FEATURE:  
86 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated  
87 levels in body fluids of schizophrenic patients.  
89 <400> SEQUENCE: 4  
91 Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly  
92 1 5 10 15  
95 Ala Pro Cys Arg  
96 20  
99 <210> SEQ ID NO: 5  
100 <211> LENGTH: 19  
101 <212> TYPE: PRT  
102 <213> ORGANISM: Unknown  
104 <220> FEATURE:  
105 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated  
106 levels in body fluids of schizophrenic patients  
108 <400> SEQUENCE: 5  
110 Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala  
111 1 5 10 15  
114 Pro Cys Arg  
118 <210> SEQ ID NO: 6  
119 <211> LENGTH: 18  
120 <212> TYPE: PRT  
121 <213> ORGANISM: Unknown  
123 <220> FEATURE:  
124 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated  
125 levels in body fluids of schizophrenic patients  
127 <400> SEQUENCE: 6  
129 Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
130 1 5 10 15  
133 Cys Arg  
137 <210> SEQ ID NO: 7  
138 <211> LENGTH: 17  
139 <212> TYPE: PRT  
140 <213> ORGANISM: Unknown  
142 <220> FEATURE:  
143 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated  
144 levels in body fluids of schizophrenic patients  
146 <400> SEQUENCE: 7  
148 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys

149 1

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Input Set : A:\09-647457 seq 6-24-05.ST25.txt  
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152 Arg  
156 <210> SEQ ID NO: 8  
157 <211> LENGTH: 17  
158 <212> TYPE: PRT  
159 <213> ORGANISM: Unknown  
161 <220> FEATURE:  
162 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
163 <400> SEQUENCE: 8  
167 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
168 1 5 10 15  
171 Arg  
175 <210> SEQ ID NO: 9  
176 <211> LENGTH: 17  
177 <212> TYPE: PRT  
178 <213> ORGANISM: Unknown  
180 <220> FEATURE:  
181 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
182 <400> SEQUENCE: 9  
186 Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys  
187 1 5 10 15  
190 Arg  
194 <210> SEQ ID NO: 10  
195 <211> LENGTH: 20  
196 <212> TYPE: PRT  
197 <213> ORGANISM: Unknown  
199 <220> FEATURE:  
200 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
201 <400> SEQUENCE: 10  
205 Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu  
206 1 5 10 15  
209 Cys Thr Gly Gln  
210 20  
213 <210> SEQ ID NO: 11  
214 <211> LENGTH: 16  
215 <212> TYPE: PRT  
216 <213> ORGANISM: Unknown  
218 <220> FEATURE:  
219 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
220 <400> SEQUENCE: 11  
224 Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
225 1 5 10 15  
228 <210> SEQ ID NO: 12  
229 <211> LENGTH: 12  
230 <212> TYPE: PRT  
231 <213> ORGANISM: Unknown

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233 <220> FEATURE:  
234 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
237 <400> SEQUENCE: 12  
239 Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg  
240 1 5 10  
243 <210> SEQ ID NO: 13  
244 <211> LENGTH: 16  
245 <212> TYPE: PRT  
246 <213> ORGANISM: Unknown  
248 <220> FEATURE:  
249 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
250 <400> SEQUENCE: 13  
254 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys  
255 1 5 10 15  
258 <210> SEQ ID NO: 14  
259 <211> LENGTH: 15  
260 <212> TYPE: PRT  
261 <213> ORGANISM: Unknown  
263 <220> FEATURE:  
264 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
265 <400> SEQUENCE: 14  
269 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro  
270 1 5 10 15  
273 <210> SEQ ID NO: 15  
274 <211> LENGTH: 16  
275 <212> TYPE: PRT  
276 <213> ORGANISM: Unknown  
278 <220> FEATURE:  
279 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in elevated levels in body fluids of schizophrenic patients  
280 <400> SEQUENCE: 15  
284 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys  
285 1 5 10 15

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 06/30/2005  
PATENT APPLICATION: US/09/647,457E               TIME: 09:01:27

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 8,17

**VERIFICATION SUMMARY**

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Input Set : A:\09-647457 seq 6-24-05.ST25.txt  
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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1